ABSTRACT OF THE DISCLOSURE

The present invention is to provide a non-aqueous electrolytic solution secondary battery which has high safety while maintaining high capacity and high power. A cylindrical lithium-ion battery 20 is provided in a battery lid which is a portion of a battery container with a cleavage valve 11 which cleaves at a predetermined pressure, and includes an electrode winding group 6 prepared by winding a positive electrode, a negative electrode and a separator, connection portions for connecting the electrode winding group 6 to respective electrode terminals, and non-aqueous electrolytic solution therein. As a positive electrode active material, lithium manganate where the amount of elution of manganese into the non-aqueous electrolytic solution is 5% or less based on the lithium manganate in a region where an electrode potential to metal lithium is 4.8V or more is used. As a negative electrode active material, graphite in/from which lithium ions can be occluded/released according to charging and discharging is used.